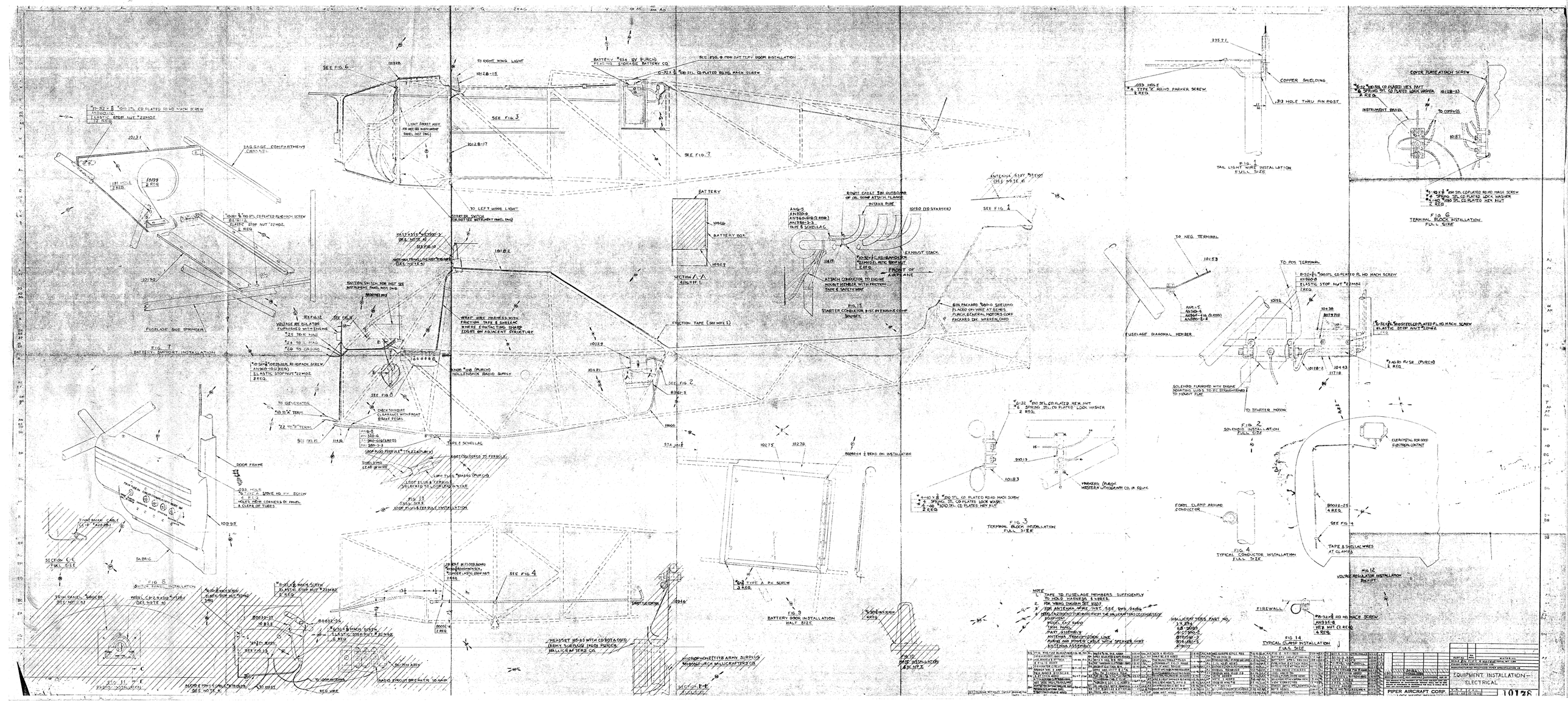
SEE FIG. 6
SEE FIG. 3
SEE FIG. 7
SEE FIG. 9 FOR BATTERY DOOR INSTALLATION
TO RIGHT WING LIGHT
TO LEFT WING LIGHT
BATTERY "634 6V (PURCH) PLASTIC STORAGE BATTERY CO.
10128-15
10128-17
10131
10190
10189
BAGGAGE COMPARTMENT CARPET
FUSELAGE SIDE STRINGER
LIGHT SOCKET ASSY FOR MID SEE INSTRUMENT PANEL (NOT SHN)
STARTER SWITCH (W/INSTRUMENT PANEL) (SEE NOTE 4)
MS27255-4C1506F-3 (SEE NOTE 4)
ANTI-COLLISION LIGHT (SEE NOTE 4)
IGNITION SWITCH FOR INST SEE INSTRUMENT PANEL (SHT 9)
RADIO MIC
VOLTAGE REGULATOR (PURCHASED WITH ENGINE)
"25 TO I.P. LEAD
"24 TO L. MAG
"26 TO GROUND
SEE FIG. 11
SEE FIG. 11
"10-32 x 5/8" 100 STL CD PLATED RD HD MACH SCREW AN960-10 (2 REQ'D) ELASTIC STOP NUT "22M82 2 REQ.
TO GENERATOR "20 TO R TERM.
"22 TO "B" TERM.
SEE FIG. 11
SEE FIG. 8
CHECK TOWBAR CLEARANCE WITH FRONT BRAKE PEDAL
FRICTION TAPE (SEE NOTE 1)
WRAP WIRE HARNESS WITH FRICTION TAPE & SHELLAC WHERE CONTACTING SHARP EDGES ON ADJACENT STRUCTURE
KNOB "226 (PURCH) NAVIGATION RADIO SUPPLY
10129
10421
SEE FIG. 2
B3PS-5
1960
STA 101.8
TAPE & SHELLAC
AN6-8 AN 320-6 AN 960-10 (2 REQ'D) AN 365-3-3
LOOP PLUG RECEPTACLE "ITA 2 (PURCH)
WIRES SOLDERED TO FERRULE
SHIELDING LEAD WIRE
LOOP PLUG "PA 2 (PURCH)
LOOP FERRULE SOLDERED TO LOOP LEAD IN WIRE
FIG 13 ENGEL 3442 LOOP PLUG & RECEPTACLE INSTALLATION
DOOR FRAME
.093 HOLE 4 TYPE A STOVE HD PK SCREW 4 REQ. HOLES NEAR CORNERS OF PANEL & CLEAR OF TUBES
TUBE BEAM CABLE SCIP "A2078-1
10095
SECTION C-C FULL SIZE
FABRIC
FIG 5 SWITCH PANEL INSTALLATION
TRIM PANEL "10035 (SEE NOTE 3)
MODEL CIP 6100 "A1581 (SEE NOTE 4)
6-32 x 3/8 MACH SCREW ELASTIC STOP NUT "22M82 3 REQ.
"8-32 x 5/8 MACH SCREW ELASTIC STOP NUT "22M82 2 REQ.
B00838-25 10838
10127 REF.
SEE FIG. 11
B00838-26
1/4-32 x 3/4 MACH SCREW ELASTIC STOP NUT "22M82 4 REQ.
SWITCH ASSY
TO DOME LIGHTS
RADIO CIRCUIT BREAKER 10 AMP
RED WIRE
FIG 11 W.E. PARTS INSTALLED
ELECTRIC POWER CONNECTORS SEE NOTE 4
28 VOLT
SEE FIG. 4
10216
THROTTLE CONTROL
HEADSET HS-33 WITH CD307A CORD (ARMY SURPLUS) (NOW PURCH. HALLICRAFTERS CO.
MICROPHONE (T)TB ARMY SURPLUS MICROPURCH HALLICRAFTERS CO.
SECTION E-E FULL SIZE
B00838-24 2 REQ.
10275
10276
B00838-4 1/2 BEND ON INSTALLATION
"8-32 TYPE A PK SCREW 3 REQ.
FIG 3 BATTERY DOOR INSTALLATION HALF SIZE
BATTERY
10920
BATTERY BOX
10929
SECTION A-A FULL SIZE
ROUTE CABLE 3IN OUTBOARD OF OIL SUMP ATTACH FLANGE
INTAKE PIPE
10150 (10 STARTER)
AN6-5 AN320-6 AN960-616 (2 REQ) AN380-2-3 TAPE & SHELLAC
10419
"10-32 x 1" SQUARENECK ROUNDED ELASTIC STOP NUT "22M82 2 REQ.
EXHAUST STACK
FRONT OF AIRPLANE
ATTACH CONNECTOR TO ENGINE MOUNT MEMBER WITH FRICTION TAPE & SAFETY WIRE
FIG 15 STARTER CONDUCTOR POST IN ENGINE COMP SHT #5
ANTENNA ASSY "B1601 (SEE NOTE 6)
SEE FIG. 1
6IN PACKARD "880-0 SHIELDING PLACED ON WIRE AT SCHEIS FURN. GENERAL MOTORS CORP PACKARD DIV. WARREN, OHIO
TO NEG. TERMINAL
10153
AN6-5 AN320-5 AN960-516 (2 REQ) AN380-2-2
FUSELAGE DIAGONAL MEMBER
TO POS TERMINAL
"8-32 x 5/8 100 STL CD PLATED PL HD MACH SCREW AN960-8 ELASTIC STOP NUT "22M82 2 REQ.
10152
10438
B0719-10
"8-32 x 5/8 B00STEEL CD PLATED PL HD MACH SCREW ELASTIC STOP NUT "22M82 2 REQ.
"AGC 80 FUSE (PURCH) 2 REQ.
10118-2
10443
11718
SOLENOID FURNISHED WITH ENGINE MOUNTING LUGS TO BE STRAIGHTENED TO MOUNT FLAT
TO STARTER MOTOR
FIG 2 SOLENOID INSTALLATION FULL SIZE
10-32 x 3/8 100 STL CD PLATED HEX NUT 6 SPRING STL CD PLATED LOCK WASHER 2 REQ.
B1013
10183
4-40 x 3/8 100 STL CD PLATED RD HD MACH SCREW 4 SPRING STL CD PLATED LOCK WASHER 4-40 100 STL CD PLATED HEX NUT 2 REQ.
FIG 3 TERMINAL BLOCK INSTALLATION FULL SIZE
PROVERS (RAPID) WESTERN LITHOGRAPH CO. OR EQUIV.
FORM CLAMP AROUND CONDUCTOR
FIG 4 TYPICAL CONDUCTOR INSTALLATION FULL SIZE
CLEAN METAL FOR GOOD ELECTRICAL CONTACT
B00838-25 4 REQ.
SEE FIG. 4
TAPE & SHELLAC WIRES AT CLAMPS
FIG 12 VOLTAGE REGULATOR INSTALLATION 3IN SHT.
NOTE
1. TAPE TO FUSELAGE MEMBERS SUFFICIENTLY TO HOLD HARNESS & WIRES.
2. FOR WIRING DIAGRAM SEE 10327
3. FOR ANTENNA WIRE CUT, SEE DWG. 94186
4. MFG. CAUTION: THIS WIRE FROM THE HALLICRAFTERS CO. CONSISTS OF DESCRIPTION MODEL CIP 6100 TRIM PANEL PART ASSEMBLY ANTENNA TRANSMISSION LINE AUDIO AND POWER CABLE WITH SPEAKER WIRE ANTENNA ASSEMBLY
HALLICRAFTERS PART NO. 1X634 68-10585 41-07390-2 87F6161-2 B06180-2-5 87B07
FIREWALL
"8-32 x 5/8 100 RD HD MACH SCREW AN935-8 HEX NUT (2 REQ'D) 4 REQ.
FIG 14 TYPICAL CLAMP INSTALLATION FULL SIZE
PIPER AIRCRAFT CORP.
EQUIPMENT INSTALLATION — ELECTRICAL
10128